

SmartStar® CubePro™ GOTO AltAz Mount with GPS #8200



FEATURES

- Alt-Azimuth Mount— The Cube™— The only mount of its kind for ultimate rotation
- Includes the GoToNova™ Controller. The most intuitive controller on the market.
- 130,000 object database with 256 user-defined objects
- The largest LCD screen on the market with 8 lines and 21-character Hand Control with backlit LED buttons.
- USB Port for PC Laptop control and firmware upgrades (ASCOM protocol)
- Metal worm & gear for increased stability & performance
- Drive motor with 9-speed setting for precise tracking
- Dual-axis Servomotor
- Standard-equipment AC adaptor (Optional DC adaptor available)
- 1-inch full height tripod with metal hinges
- Built-in 32-Channel GPS
- 12 lb. payload

PACKAGE CONTENTS

- Telescope Mount (with built-in GPS)
- AC Adaptor with cord
- #8401 Hand Controller
- Controller Cable
- Tripod
- Tripod bolt (with black shaft) and Tray Lock
- Tripod Tray
- 1.5 kg Counterweight

ONLINE CONTENTS (*click under “Support” menu*) www.iOptron.com

- Manuals (*you will need to refer to the manual for details on set-up and operation*).
- Tips for set up
- Hand controller firmware upgrades (check online for latest version)
- Reviews and feedback from other customers

Quick Set-up

Note: This is a brief outline for getting started. Please refer to the full manual at www.iOptron.com for details.

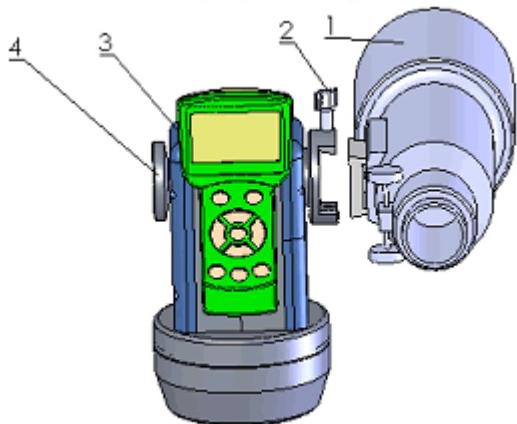
	Step 1. Extend tripod legs to full extension.
	Step 2. Attach mount to tripod using the long bolt (#7). Slide tray on bottom of shaft. Then screw on round black knob (#9).
	Step 3. Attach telescope to mount using dovetail lock (#2).
 1) South 2) Up	Step 4. Set telescope to PARK POSITION. (1) Position the mount so that the "S" is facing south. (2) The telescope tube should be pointed directly up at the zenith. If it is not perfectly straight then loosen the altitude lock (#4) to adjust telescope.
	Step 5. Level the mount using the bubble on side of mount by adjusting tripod legs. It is also suggested to use additional levels to assure very precise level.

	<p>Step 6. Plug in power plug and hand controller.</p>
	<p>Step 7. Turn on and wait for controller lights to come on. (For GPS signal wait for controller to say "G_OK"—not "G_ON").</p> <p><i>GPS provides Latitude, Longitude, and current time only.</i></p>
	<p>Step 8. Go to: Set up controller. Press ENTER.</p>
	<p>Step 9. Go to: Set up Local Time. Press ENTER.</p> <p>Enter date and day-light savings (Y-yes, N-no). Then press ENTER</p> <p><i>(Note: use numbered keypad to change numbers)</i></p>
	<p>Step 10. Go to: Set Up Site. Press ENTER.</p> <p>Enter time zone: <i>(add or subtract 60 minutes per time zone)</i></p> <p>Enter minutes “behind” UT or “ahead” of UT</p> <ul style="list-style-type: none"> • New York City is 300 minutes “behind” UT • Los Angeles is 480 minutes “behind” UT • Rome is 60 minutes “ahead” of UT • Sydney is 600 minutes “ahead” of UT

	<p>Step 11. Select and Slew to an object The mount is now ready to GOTO and track objects.</p> <p>Go to: Menu>Select and Slew Press ENTER.</p>
	<p>Step 12. Select a category (ex. "planets, sun, moon"). Then select an object (ex. "moon"). Then press ENTER.</p> <p>The telescope will automatically slew to the object and lock on. It will automatically begin to track once it locks on to the object.</p>
	<p>Step 13. Sync to Target (<i>Use this to center and synchronize the object from Step 12 into the memory</i>). Go to: MENU>Sync. To Target. Press ENTER. Next use the arrow keys to slew to the object until it is centered in your eyepiece. Then press ENTER again on the hand controller. To slew to other objects repeat steps 11 and 12. You do not need to repeat step 13 except for adjustments. <i>(Refer to the online manual for 1-star and 2-star alignments. Sync to Target is the same as 1-star Alignment except that you choose the object to align to.)</i></p>

Assembly Terms

1. Telescope tube
2. Dovetail lock
3. Hand held controller
4. Altitude lock
5. Mount
6. Tripod
7. Inner support /Tripod bolt.
8. Tray
9. Tray lock
10. Counterweight (not shown)*



*To install counterweight remove Altitude Lock (#4). Screw bar onto threads. Then place counterweight onto end of bar. Secure the counterweight by tightening down with screw.